Example of RIO 500 LED Lantern

NOTES

1. DRAWING TO BE PRINTED IN COLOUR TO ENABLE CORRECT VIEWING OF SYMBOLS.
2. Contractor to be aware and take appropriate safe action when working in close proximity to overhead cables i.e. BT cables, LV etc. Contractor to ensure safe working clearances are achievable in accordance with HSE GS6.
3. All electrical works to be in accordance with the latest edition of BS7671.
4. Exact column locations to be determined by the Site Engineer prior to installation.
5. Maintenance factor has been set to 0.80 for this design.
6. Contractor to determine all cable runs, sizes and connections, underground interconnecting runs, transformers and junctions.
7. Numbering is for reference purposes only, contractor to agree column numbering
8. 2x Existing twin arm columns to be upgraded to LED

QTY	Symbol	Description
4		Proposed 8m Lighting Column with Proposed DW Windsor LED lantern (see specification below) **Lighting Column** - 8m lighting column **Lantern** - RIO 500- 36LED - 700mA - 4k- 91W Flat Glass -Optic D Lamp 36x 4K LED 91W
1		Proposed 10m Lighting Column with Proposed DW Windsor LED lantern (see specification below) **Lighting Column** - 10m lighting column **Lantern** - RIO 500- 36LED - 700mA - 4k- 91W Flat Glass -Optic D Lamp 36x 4K LED 91W
1		Existing 10m Lighting Column with 2x lantern on twin arm bracket to be upgraded to Proposed DW Windsor LED (see specification below) **Lighting Column** - Existing 10m lighting column **Lantern** - RIO 500- 36LED - 700mA - 4k- 91W Flat Glass -Optic D Lamp 36x 4K LED 91W
1		Proposed 10m Lighting Column with 2x Proposed DW Windsor LED mounted on twin arm bracket (see specification below) **Lighting Column** - Existing 10m lighting column **Lantern** - RIO 500- 36LED - 700mA - 4k- 91W Flat Glass -Optic D Lamp 36x 4K LED 91W
	A–15/C01 5	Asset Identification

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following :

CONSTRUCTION
- Ensure adequate segregation of construction activities and adjacent live carriageways
- Identify and locate existing services
- All buried services to be isolated / protected prior to start of works
- Implement safety measures for working in excavations, confined spaces and traffic areas.

MAINTENANCE / CLEANING
- As above

DECOMMISSIONING / DEMOLITION
- As above

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
P04	JAN. 2020	WEST SIDE CROSSING CHANGES	CP	MB	MB	PW
P03	SEPT. 2019	PLANNING APPLICATION	WJ	MJ	MJ	PW
P02	AUG. 2019	EQ ALIGNMENT CHANGE				PW
P01	13/06/19	ISSUED FOR INFORMATION				PW

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Client: Kent County Council

Project: BEAN ROAD TUNNEL

Drawing title: LIGHTING DESIGN (ISSUED FOR INFORMATION ONLY, NOT SUITABLE FOR CONSTRUCTION) (01 of 02)

Drawing status: PLANNING APPLICATION

Scale	1:200 @ A1	DO NOT SCALE
Jacobs No.	B2350500	Rev P04
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NC01
NC02
NC03
NC04
NC05
NC06

Bluewater side is connected to Landlord(Bluewater) network

EQ side is connected to DNO network

NORTHERN ROUNDABOUT
SOUTHERN ROUNDABOUT
BLUEWATER PARKWAY
TUNNEL WESTERN PORTAL
TUNNEL EASTERN PORTAL
NEW TUNNEL
ASSUMED SWALE
SCHEME LIMITS
BUS ONLY
Gantrys
Tunnels